

**ABSTRACT**

A method of making a titanium golf club head includes steps. One adopts Ti-4-6 Titanium alloy as SPDF material under isothermal forging conditions, sets the SPDF temperature at between 870-970 degrees Celsius, while heating the molds and workpieces simultaneously in a high frequency stove. One also moves the molds and workpieces from the stove to the forging machine, adjusting the forging machine reacting speed rate within the range of  $10^{-2}/s$  to  $10^{-4}/s$ .

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